

human CD30 Mouse mAb

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Catalog # AP94298

Product Information

Host	Rabbit
Clonality	Monoclonal
Calculated MW	62 KDa
Physical State	Liquid
Isotype	Mouse IgG1, k
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4).
SUBCELLULAR LOCATION	Isoform Long: Cell membrane; Single-pass type I membrane protein.Isoform Short: Cytoplasm.
SIMILARITY	Contains 6 TNFR-Cys repeats
SUBUNIT	Interacts with TRAF1, TRAF2, TRAF3 and TRAF5.
Post-translational modifications	Phosphorylated on serine and tyrosine residues.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is expressed by activated, but not by resting, T and B cells. TRAF2 and TRAF5 can interact with this receptor, and mediate the signal transduction that leads to the activation of NF-kappaB. This receptor is a positive regulator of apoptosis, and also has been shown to limit the proliferative potential of autoreactive CD8 effector T cells and protect the body against autoimmunity. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

Additional Information

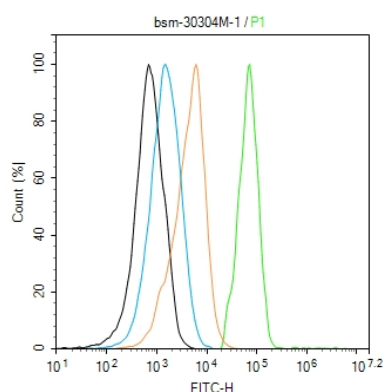
Target/Specificity	Detected in thymus and in activated splenocytes.
Dilution	Flow-Cyt=1ug/Test
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Blank control(black line):SR. Primary Antibody (green line): Mouse Anti-human CD30 antibody (AP94298) Dilution:1ug/Test; Secondary Antibody(white blue line): Goat anti-mouse IgG-FITC Dilution: 0.5ug/Test. Isotype control(orange line): Normal Mouse IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.